AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all claims that are, or ever were, in the instant patent application.

Listing of claims:

1-35 (canceled).

36 (new). A conformable, multi-phasic implant for the repair and regeneration of tissue, said implant consisting of a plastically deformable, tissue conductive matrix for tissue regeneration, said matrix consisting of two phases, wherein a first phase of said matrix consists of a non-soluble fiber material and a second phase consists of a flowable biocompatible polymer, said implant having a consistency of a putty prior to implantation, and remaining at least somewhat compliant after implantation.

37 (new). A conformable, multi-phasic implant for the repair and regeneration of tissue, said implant consisting of a plastically deformable, tissue conductive matrix for tissue regeneration, said matrix consisting of two phases and an admixed additive material, wherein a first phase of said matrix consists of a non-soluble fiber material, a second phase consists of a flowable biocompatible polymer, and wherein said additive material is blended in with said first and second phases, said implant having a consistency of a putty prior to implantation, and remaining at least somewhat compliant after implantation.

38(new) A conformable, multi-phasic implant for the repair and regeneration of tissue, said implant comprising components that resorb in stages wherein:

a. At least a first of said components is a non-soluble ceramic granule;

b. At least a second of said components is non-soluble collagen fibers and

c. At least a third component is a flowable collagen gel;

wherein the ceramic granules are blended into the non-soluble collagen fibers as an admixture,

and wherein the collagen gel holds the admixture of ceramic granules and non-soluble collagen fibers together, providing a level of structural integrity to the implant, and further wherein said implant is plastically deformable, tissue conductive, has a consistency of a putty prior to implantation and retains at least some compliance following implantation.

39 (new). A conformable, multi-phasic implant for the repair and regeneration of tissue, said implant comprising a plurality of components that resorb in stages wherein:

a. At least a first component of said components is non-soluble collagen fibers; and

b. At least a second component of said components is a flowable soluble collagen gel; wherein the implant is plastically deformable, tissue conductive, has a consistency of a putty prior to implantation and retains at least some compliance following implantation, and further wherein the flowable soluble collagen gel holds the non-soluble collagen fibers together, providing a level of structural integrity to the implant.

40 (new). The implant of claim 39, wherein the implant initially comprises non-soluble collagen which is in the form of a depot surrounded by lyophilized soluble collagen prior to implantation, wherein the lyophilized soluble collagen collapses into said flowable gel upon hydration.

41 (new). The implant of claim 40, wherein said hydration occurs following implantation.

42 (new). The implant of claim 40, wherein said hydration occurs prior to implantation.

43 (new). A conformable, multi-phasic implant for the repair and regeneration of tissue, said implant comprising a plastically deformable, tissue conductive matrix for tissue regeneration, said matrix comprising at least two phases, wherein at least a first phase of said matrix comprises a non-soluble fiber material and at least a second phase comprises a flowable biocompatible polymer, said implant having a consistency of a putty prior to implantation, and remaining at least somewhat compliant after implantation.

44 (new). The implant of claim 43, wherein the second phase is initially dry, and non-flowable, and said dry second phase becomes flowable following hydration.

45 (new). The implant of claim 43, wherein the second phase comprises soluble collagen paste or gel.

46. (new). The implant of claim 43, wherein the second phase degrades faster than the first phase.

47. (new). The implant of claim 46, wherein the second phase acts as a delayed porosifying agent.

48. (new). The implant of claim 43, wherein the first phase comprises biocompatible polymer fibers.

49. (new). The implant of claim 48, wherein the biocompatible polymer fibers comprise collagen fibers.

50 (new). The implant of claim 49, wherein the collagen fibers comprise natural insoluble collagen.

51 (new). The implant of claim 43, wherein the implant additionally comprises non-soluble chips or granules blended within said first phase as an admixture.

52 (new). The implant of claim 51, wherein the granules or chips are in the form of spheres.

53 (new). The implant of claim 52, wherein the granules or chips are in the form of micro spheres.

54 (new). The implant of claim 51, wherein the granules or chips are composed of ceramic.

55 (new). The implant of claim 54, wherein the ceramic is a tricalcium phosphate.

56 (new). The implant of claim 55, wherein the tricalcium phosphate is porous.

57 (new). The implant of claim 51, wherein the granules or chips comprise bone.

58 (new). The implant of claim 57, wherein the bone has been demineralized.

59 (new). The implant of claim 43, wherein the matrix further comprises biologically active or pharmaceutical agent.

60 (new). The implant of claim 59, wherein the agent is added to the implant at, or immediately prior to placement of said implant into said tissue.

61 (new). The implant of claim 60, wherein the agent is selected from one or more of the groups of biologically active agents, pharmaceuticals, or active ingredients.

62 (new). The implant of claim 61, wherein the biologically active agent comprises cells.

63 (new). The implant of claim 62, wherein the cells are in blood or bone marrow.

64 (new). The implant of claim 51, wherein the granules or chips improve the mechanical, biological or resorption characteristics of said implant.

65 (new). The implant of claim 64, wherein said granules or chips make up between 10 percent and 90 percent of the implant by weight.

66 (new). The implant of claim 64, wherein said granules or chips make up between 70 percent

and 90 percent of the implant by weight.

67 (new), The implant of claim 64, wherein said granules or chips make up between 75 percent and 85 percent of the implant by weight.

68 (new), The implant of claim 43, wherein the ratio of the second phase to the first phase is in the range of about 1:20 to 10:1.

69 (new), In combination with the implant of claim 43, a syringe, wherein the conformable, multi-phasic implant is arranged to be stored and delivered with said syringe.

70 (new). In combination with the implant of claim 43, a syringe-like cylindrical housing, wherein the conformable, multi-phasic implant is arranged to be stored and delivered with said syringe-like cylindrical housing.

71 (new). In combination with the implant of claim 70 , a laproscopic cannula or incision comprising a channel, wherein the cylindrical housing comprises a cross-sectional configuration which is arranged to permit sliding passage through the channel.